



PC10491A, Response to Office Action

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GP 1624

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IN RE APPLICATION OF: **NOE, ET AL.**

SERIAL NO.: **09/635,433**

FILED: **AUGUST 10, 2000**

FOR: **SELECTIVE INHIBITION OF AGGRECANASE IN
OSTEOARTHRITIS TREATMENT**

:
: Examiner: **MCKENZIE, T.**
: Unit: **1624**

#6 A

PS
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Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENT UNDER 37 C.F.R. §1.121

This document is a response to the Official Action mailed January 23, 2001
requiring a response by April 23, 2001.

Please amend the above identified application as follows:

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In the Specification:

Please delete the paragraph at page 1, lines 3-8, under the section heading
"Technical Field" and replace such deleted section with the following section:

Technical Field

This application claims priority benefits of U.S. Provisional Application No.
60/148,464 filed August 12, 1999.

The current invention concerns carboxylic acid hydroxyamide derivatives that
are highly potent inhibitors of aggrecanase proteolytic activity and that inhibit other
enzymes implicated in joint disease, particularly matrix metalloproteinases (MMPs) and
the a disintegrin and metalloproteinases (ADAMs or reprolysins). The current invention
also relates to synthetic precursors to the carboxylic acid hydroxyamide inhibitors, to
pharmaceutical compositions, and to methods of treatment, especially the treatment of
osteoarthritis.

In the Claims: